



MOTOROLA
intelligence everywhere™



***ENHANCE YOUR MTP700/MTP750
PORTABLE RADIO
WITH A WIDE RANGE OF
ACCESSORIES***

The IMPRES Lite charger is specially designed to provide a more affordable alternative while still retaining most of the desired user-friendly IMPRES™ features. The major exception is that it does not perform the re-conditioning function, hence IMPRES Smart batteries must be calibrated in a full-featured IMPRES charger (single or Multi) to ensure they accurately record, store, and display IMPRES battery usage data.



ENHANCE YOUR MTP700/MTP750 PORTABLE RADIO WITH A WIDE RANGE OF ACCESSORIES

Professional users of portable radios have specific needs, requirements and working conditions within a highly demanding environment. Motorola provides complete two-way radio communication solutions with a wide selection of robust and reliable accessories: batteries and chargers, remote speaker microphones, earpieces, headsets and carry cases. This extensive portfolio of accessories allows professional users to further customise their MTP700/MTP750 portable radio and satisfy their individual communications needs above and beyond those already incorporated in the standard package.

IMPRES™ SYSTEM

The new Intelligent Motorola Portable Radio Energy System consists of an IMPRES™ battery and an IMPRES™ charger. Together they provide an automated, intuitive, self-reliant and self-sufficient battery maintenance system.

Further significant advantages include:

- Maximum number of battery charge and discharge cycles
- No "memory effect"
- Maximises battery operating time between charges
- Batteries cover a wide range of duty cycles, from standard to extended shifts
- Precise prediction of "end of battery life"

IMPRES™ BATTERIES

Lithium Ion

- Approximately 30% lighter and thinner than Nickel Metal Hydride batteries
- Environmentally friendly
- Operating temperature ranges: 0 to +45°C (while charging battery) and -20 to +45°C (while using radio)

Usage time per charge (assuming a 5/35/60 battery cycle):

PMNN4047 1500 mAh Standard Battery (123g): up to 17 hours

Nickel Metal Hydride

- FM approved model for intrinsically safe environments
- Operating temperature ranges: +5 to +45°C (while charging battery) and -30 to +60°C (while using radio)

Usage time per charge (assuming a 5/35/60 battery cycle):

PMNN4048 1200 mAh Battery (200g): up to 16 hours
PMNN4049 1150 mAh FM approved Battery (200 g): up to 15 hours

IMPRES™ SINGLE LITE & SINGLE UNIT CHARGERS

(contain MTP700/MTP750 battery adapter RLN5212)

AZWPLN4149 IMPRES™ Lite Single Unit Charger, 110V, US Plug
AZWPLN4150 IMPRES™ Lite Single Unit Charger, 230V, EU Plug
AZWPLN4151 IMPRES™ Lite Single Unit Charger, 240V, UK Plug

WPLN4112 IMPRES™ Single Unit Charger, 110-230V, Eu plug
WPLN4113 IMPRES™ Single Unit Charger, 110-230V, UK plug
WPLN4117 IMPRES™ Single Unit Charger, 110-230V, US plug

IMPRES™ MULTI UNIT CHARGERS

(contain MTP700/MTP750 battery adapter RLN5212)

WPLN4109 IMPRES™ Multi Unit Charger, 110-230V Eu plug
WPLN4110 IMPRES™ Multi Unit Charger, 110-230V UK plug
WPLN4120 IMPRES™ Multi Unit Charger, 110-230V US plug

IMPRES™ DISPLAY MULTI UNIT CHARGERS

Charger Display Modules provide powerful "real time" analysing information for impres batteries, including current charge status; current battery mAh; percent rated capacity, battery voltage; battery kit number; battery serial number; battery chemistry; time remaining to charge complete (NiCd and NiMH); forecast number of cycles to next reconditioning; and more.

WPLN4135 IMPRES™ Multi-unit Charger with Display Modules, 110-230 V US cord
WPLN4131 IMPRES™ Multi-unit Charger with Display Modules, 110-230 V EU cord
WPLN4132 IMPRES™ Multi-unit Charger with Display Modules, 110-230 V UK cord
WPLN4136 IMPRES™ Multi-unit Charger with Display Modules, 110-230 V KOREA cord
RLN5382 Display Module Only (Retrofit to Multi-Unit Non-Display models)
NLN7967 Wall Mount for Multi-unit Charger



AZWPLN4149



WPLN4112



WPLN4109



RLN5382

Motorola provides complete two-way radio communication solutions with a wide selection of robust and reliable accessories.

VEHICLE ACCESSORIES

TRAVEL CHARGER

A great travelling companion that ensures constant communication while on the road. Unit includes a voltage regulated cigarette lighter adapter, custom charger base, mounting bracket, and coil cord.

GMLN1027 Travel Charger

VEHICLE ADAPTER

The vehicle adapter is an accessory intended to allow customers to adapt MTP700/750 portables for mobile operation.

- Charges portable radios and provides "hands-free" operation
- 3 basic elements - Cradle + junction box + in-vehicle accessories (connection to external speaker, external microphone, external push-to-talk & external antenna)
- Supports Data Accessories
- Models available in the frequency range (380 – 430 MHz and 806 – 870 MHz)

GMLN1040 Vehicle Adapter



AUDIO ACCESSORIES

A range of audio accessories brings key portable radio functionalities directly to the user's ears and fingertips, simplifying radio communication and constantly keeping the professional user in touch with the rest of the team.

Enhanced Remote Speaker Microphone (RSM) with 3.5 mm jack

Robust omni-directional microphone with enhanced remote functionalities such as:

- Vibrating call alert
- Two programmable buttons
- Emergency button
- Push to Talk PTT
- Manual volume control

The microphone includes a 3.5 mm jack socket to allow for the connection of discreet earpieces. With the earpiece attached, Duplex Call answering (once programmed in radio) provides the end user with simultaneous voice transmission and reception. Without an earpiece, Duplex Call answering requires the use of the PTT on the radio or the microphone.

RMN5011 Enhanced RSM, short coiled cord -35 cm
RMN5012 Enhanced RSM, long coiled cord -70 cm

Remote Speaker Microphone with 3.5 mm jack

This noise-cancelling microphone is particularly suited to high noise environments. With coiled cord (approximately 35 cm), it is an economic and easy to use audio solution. The 3.5 mm jack socket allows for the connection of discreet earpieces.

RMN5013 Standard RSM, short coiled cord 35 cm

PUBLIC SAFETY SPEAKER MICROPHONES

Public safety speaker microphones include straight cord assembly, 3.5mm earjack and a 75mm wideband short antenna.

The external antenna provides additional antenna height for better radiation pattern. Plug in the optional receive-only earpiece to enjoy confidential listening without broadcasting the message.

GMCE1083 UHF Public Safety Microphone
 (Applicable to Hong Kong Police only)



OPTIONAL ADD-ON ACCESSORIES

Both the enhanced & standard remote speaker microphones can be used with the following add-on accessories:

Receive-Only Earbud with 3.5 mm jack and coiled cord

Very light and discreet, the earbud is extremely comfortable. It can be worn for extended periods of time, ensuring constant and private radio message awareness without restricting head movements. Replaceable foam ear cushions are available.

AARLN4885 Receive-only earbud with 3.5 mm jack

AARLN4885

Ear Microphone System (Voiceducer)

This compact unit picks up the voice through bone vibrations in the ear canal. The miniature earpiece leaves the hands free and face unobscured when worn by rescue and hazard protection personnel, who still retain the ability for direct hearing and speaking. For personnel required to wear breathing apparatus, communications with protective masks are as clear as communications without. And its high speech clarity under noisy environments makes it ideal for high noise environments. Only for Simplex DMO or TMO (not compatible for Duplex operation)

GMLN1106 Ear Microphone with VOX (comes with GMMN1128)

GMMN1128 Ear Microphone for standard noise levels

GMLN1106



RMN5011



AZRMN4021



AZPMN4022



ENMN4014



AARLN4885



SURVEILLANCE EARPIECES

Comes in 1, 2 or 3-wire design, these surveillance earpieces provide various listening & transmission capabilities for the users.

1-Wire Receive Only Earpiece

Small and discreet. Particularly good when transmission is occasional and permanent radio message awareness is needed. Ideal for public facing roles within the community and hands free communications.

AZRMN4021 1-wire, beige

AZRMN4028 1-wire, black

2-Wire Earpiece with Combined Microphone and PTT

The earpiece, small and unobtrusive, provides permanent radio message awareness. The combined microphone/PTT can be concealed about the person e.g. under a lapel, making it ideal for discreet and comfortable radio communication.

AZRMN4022 2-wire, beige

AZRMN4029 2-wire, black

3-Wire Earpiece with Separate Microphone and PTT

Ideal when radio communication requires added covertness. PTT button fits easily in the palm of the hand while the clip-on microphone can be discreetly and securely attached inside a collar. The comfortable earpiece is best suited to private listening in quiet environments.

ENMN4017 3-wire, beige

ENMN4014 3-wire, black

OPTIONAL ADD-ON SURVEILLANCE ACCESSORIES

For extra covertness & comfort, the noise kits with transparent coil tube are ideal for noisy environment, crowd control & VIP protection. Choose also from earshell design which provide secure fitting around the ear in high activity operation. Use with earpiece: AZRMN4021/4028, AZRMN4022/4029 and ENMN4014/4017.

NTN8370 Noise kit, high noise

NTN8371 Noise kit, low noise

WADN4223 Earshell, large size

WADN4224 Earshell, small size

HEADSET

Lightweight Headset with Boom Microphone and In-line PTT

This light and comfortable headset has an adjustable headband and padded earpiece. The reversible boom microphone means it can be used on either ear while the single earpiece allows permanent non-radio communication awareness. It supports Duplex Call answering once programmed in the radio.

RMN5014 Lightweight Headset with Boom Microphone & In-line PTT

Breeze Headset with Boom Microphone and In-line PTT

This stylish headset, with its innovative flexible behind-the-head design, can be worn under a helmet. Light and discreet, it supports Duplex Call answering once programmed in the radio. The adjustable boom microphone ensures unobtrusive two-way radio communication.

ENMN4012 Breeze Headset with Boom Microphone & In-line PTT

ANTENNAS

These antennas provide clear and reliable communication for all MTP700/MTP750 portable radio users.

FAE6000 380-400 MHz, 10cm, Helical

FAE5520 380-400 MHz, 16cm, Whip

NAE6546 403-435 MHz, 9cm, Stubby

NAE6549 403-520 MHz, 15cm, Whip

NAF5037 806-870 MHz, 18cm, Whip

NAF5042 806-941 MHz, 10cm, Stubby

CARRY ACCESSORIES

A range of carry solutions allows the MTP700/MTP750 portable radio to be used hands free and safely in the work place.

Hard Leather Case with Swivel 3" Belt Loop

Widely used and popular, this carry case with swivel allows quick and easy release for access to the radio's keypad and screen. Made from the highest quality leather, it is robust, offering added protection for the radio.

PMLN4474 Hard Leather Case with swivel 3" belt loop

Soft Leather Case

Cellular-style carry case, it is very light and provides good protection and direct access to the radio's screen and keypad. Requires the use of the belt clip HLN9714.

PMLN4475 Soft Leather Case

Nylon Carry Case

RLN4851 Nylon Carry Case (include belt loop and T-strap)

OPTIONAL CARRYING SOLUTION

HLN9714 Belt Clip, 3" (attaches to battery)

NTN5243 Shoulder Strap (use with PMLN4474)

HLN9767 Wrist Strap (use with PMLN4474 or radio directly)

GMLN1051 Small Shoulder Harness

GMLN4093 Large Shoulder Harness

DATA CABLE & SERVICE AIDS

Required for the programming and customisation of the MTP700/MTP750 portable radios.

RS232 Data Cable

Connects directly to the MTP700/MTP750 portable radio. Use with Customer Programming Software package (CPS) and for data transfer.

PMLN4504 Data cable

PMLN4510 Programming Stand (use with FLN9636 Cable)

FLN9636 Programming Cable



PMLN4474

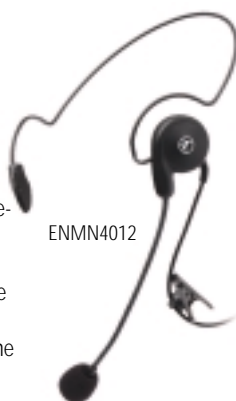


PMLN4475

RLN4851



GMLN1051



ENMN4012

Part Number & Description

PART NO.	DESCRIPTION
BATTERIES	
PMNN4047	1500 mAh, 7.2V, Li-Ion, Std. w/Box
PMNN4048	1200 mAh, 7.2V, NiMH w/Box
PMNN4049	1150 mAh, 7.2V, NiMH - FM w/Box
CHARGERS*	
WPLN4112	IMPRES™ Single Charger 110-230V EU 2 Pin Cord
WPLN4113	IMPRES™ Single Charger 110-230V UK 3 Pin Cord
WPLN4117	IMPRES™ Single Charger 110-230V US 2 Pin Cord
WPLN4109	IMPRES™ Multi Charger 110-230V EU 2 Pin Cord
WPLN4110	IMPRES™ Multi Charger 110-230V UK 3 Pin Cord
WPLN4120	IMPRES™ Multi Charger 110-230V UK 3 Pin Cord
WPLN4135	IMPRES™ Multi-unit Charger with Display Modules, 110-230 V US cord
WPLN4131	IMPRES™ Multi-unit Charger with Display Modules, 110-230 V EU cord
WPLN4132	IMPRES™ Multi-unit Charger with Display Modules, 110-230 V UK cord
WPLN4136	IMPRES™ Multi-unit Charger with Display Modules, 110-230 V KOREA cord
RLN5382	Display Module Only (Retrofit to Multi-Unit Non-Display models)
NLN7967	Wall Mount for Multi-unit Charger
AZWPLN4149	IMPRES™ Lite Single Unit Charger, 110V, US Plug
AZWPLN4150	IMPRES™ Lite Single Unit Charger, 230V, EU Plug
AZWPLN4151	IMPRES™ Lite Single Unit Charger, 240V, UK Plug
VEHICLES ACCESSORIES	
GMLN1027	Travel Charger (kit includes vehicular power adapter, radio, pocket, elastic strap and mounting bracket)
GMLN1040	Vehicle Adapter
AUDIO ACCESSORIES: REMOTE SPEAKER MICROPHONE / ADD-ON	
RMN5013	Remote Speaker Mic, Noise Cancelling
AARLN4885	Receive-only Foam Earbud with 3.5mm Plug
RMN5011	Enhanced RSM w/35cm Coil Cord
RMN5012	Enhanced RSM w/75cm Coil Cord
RLN5258	Short Coil Cord, Replacement Kit
RLN5259	Long Coil Cord, Replacement Kit
GMCE1083	UHF Public Safety Microphone (Applicable to UHF band (308-430Mhz) only)
EAR MICROPHONE SYSTEM	
GMLN1106	Ear Microphone System with VOX interface (comes with GMMN1128)
HEADSET	
RMN5014	Light Weight Headset w/Boom Mic & in-line PTT
ENMN4012	Ultra-Light Behind the Head Headset with in-line PTT
SURVEILLANCE KITS / ADD-ON	
AZRMN4021	1-Wire Surveillance RX Earpiece (Beige)
AZRMN4028	1-Wire Surveillance Rx Earpiece (Black)
AZRMN4022	2-Wire Surveillance Earpiece with Combine MIC/PTT (Beige)
AZRMN4029	2-Wire Surveillance Earpiece with Combine MIC/PTT (Black)
ENMN4017	3-Wire Surveillance Kit (Beige)
ENMN4014	3-Wire Surveillance Kit (Black)
NTN8370	Extreme Noise Kit, Acoustic Tube
NTN8371	Low Noise Kit, Acoustic Tube
WADN4223	Earshell Large w/Grommet Insert
WADN4224	Earshell Small w/Grommet Insert
ANTENNA	
NAE6546	403-435 MHz, 9cm, Stubby
NAE6549	403-520 MHz, 15cm, Whip
NAF5037	806-870 MHz, 18cm, Whip
NAF5042	806-941 MHz, 10cm, Stubby
FAE5520	380-400 MHz, 15cm, Whip
FAE6000	380-400 MHz, 10cm, Helical
CARRYING ACCESSORIES	
HLN9714	Spring Action Belt Clip, 3 inch
HLN9767	Wrist Strap (Use with PMLN4474 or Radio Directly)
NTN5243	Carry Case Shoulder Strap (Use with PMLN4474)
PMLN4474	Hard Leather Case w/Swivel, 3 Swivel Belt Loop
PMLN4475	Soft Leather Case, "Cellular" Style
RLN4851	Nylon Carry Case (include belt loop and T-strap)
GMLN1051	Small Shoulder Harness
GMLN4093	Large Shoulder Harness
DATA CABLE & SERVICE AIDS	
PMLN4504	Data Cable
PMLN4510	Programming Stand (Use with FLN9636 Cable)
FLN9636	Programming Cable

* Charger comes with RLN5212 Battery Insert



Nothing Works Like A Motorola Original Accessory

All Motorola original accessories and radios are designed, built and tested to operate to the highest performance specifications guaranteeing durability and reliability.



MOTOROLA

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